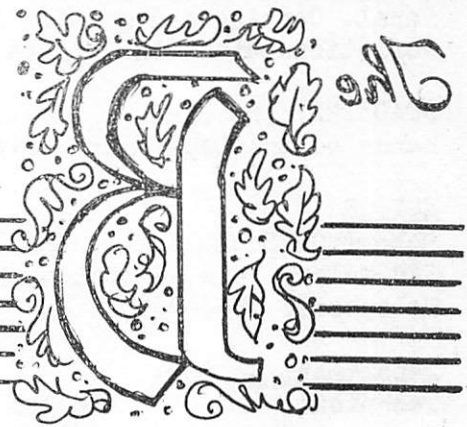


PHILMONT Mobile RADIO CLUB INC.



PLMRB



APRIL
1965



APRIL 21: 8:30 PM

Apr 21

III



DINNER

Had Mr. 2

The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting and in a small way, educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: The BLURB is mailed on the last Monday of each month. All material must be in the hands of the Department Editor before the 15th of the month.

EDITOR

Robert G. Schmilowicz, K3KUD/AREA
528 Melody Lane, Glenside, Pa. 19038
Telephone: TU-4-0190

Department Editors

Technical K3QNM
Swap and Shop W3QQH
Channel Chatter W3UMK
Features W3MHR
Art WA3CNI
Technical Drawing WA2RDC

Circulation and Printing

Publisher W3LEM
Printers W3YHV, K3HIE
Boss Stitcher W3VVS
Collator W3QQH

1965 CLUB OFFICERS

President: Joseph Elmaleh, K3HIJ
V. President: William Bubeck, W3YHV
Secretary: Robert Cox, K3CEE
Treasurer: Charles Greenwood, W3GOW
Directors: K3DJE(E65); K3GNM(E66); W3OWK
(E67); W3GIF(A); W3WPD(A); and
all 1965 club officers.

NETS AND NET FREQUENCIES

Channel 1-29.493 mc Channel 4-50.70 mc
Channel 2-29.626 mc Channel 5-52.525 mc (FM)
Channel 3-147.78 mc Channel 6-3993 kc (SSB)

Ten-On-Ten Net	Sundays	1000-1100
Orange Juice Net	Weekdays	0700-0730
Scrambled Egg Net	Weekdays	0730-0830
Executive Net	Weekdays	0830-0900

Channel 1 (29.493 mc) is monitored daily from 0900-2400 for the benefit of mobiles in the Philadelphia and suburban area.

P M A C CALENDARMEETINGS

Regular Meeting: First Monday of each month
Time: 2000 hours (8:00 PM)
Place: THE FRANKLIN INSTITUTE
20th & Benjamin Franklin
Parkway, Philadelphia, Pa.

MID-MONTH MEETING SCHEDULE

Jan. 20	W3UMK	July 21	
Feb. 17	K3PHC	Aug. 18	W3FOG
Mar. 17	K3OEJ	Sept. 15	W3ADV
Apr. 14	W3WNC	Oct. 20	W3UWO
	(Stag Dinner)	Nov. 17	K3HIJ
May 19	W3LEM	Dec. 15	
June 16	W3FLP		





PREZ SEZ

A few evenings ago I viewed a program called "The Detached American" on television. This program concerned itself with the cultural problems which would permit people to watch and do nothing while a woman was murdered, and which generally cause most people to live lives in which the keynote is lack of involvement.

When I compared the situation to the activities of Phil-Monter, I got a very good feeling; again and again our frequencies have been used by people who have become involved in helping others. Never does a call for help go unanswered, whether it affects life and limb or just an "out of gas" situation. In this respect, Phil-Mont and Phil-Monters have an exemplary record of public service.

There are however, certain other areas where we could show some improvement. At the beginning of this year I appointed every member of Phil-Mont to at least one committee. Some of our members, generally those who always do, have done yeoman work on their committees and for the club in general. Too many of our member, however, have taken the attitude that they will not become involved in our activities.

The coming month is replete with Phil-Mont activities. There is something for everyone. On the first Monday, there is the regular meeting, preceded by dinner at the Open Hearth; on April 8 there will be the monthly center-city luncheon at 12:00 at the MLA Club; then there is Mid-month meeting preceded by our Annual Stag Dinner, and finally, there will be the Square Dance on April 24.

With the coming of spring, members will need help in restoring their antennas following the ravages of winter, and will undoubtedly have technical problems in preparing mobile equipment for the coming summer and its long hours of mobiling.

A call to the chairman of the Antenna Committee, or to the chairman of the Technical Committee will mobilize a work crew which will help you with your problems.

Phil-Monters are encouraged to utilize these club assistance facilities. First, it will help get your problem solved; second, it will provide one more opportunity for Phil-Monters to get together and work together on a project. With this kind of activity going on, how can anyone remain not involved?

73 de K3HIJ

* * * * *

IT SEEMS TO ME

This issue completes the 36th time that we have "put it to bed". I think that the fact that our staff has shown very little change in the past three years while the BLURB has continued to grow indicates a very good situation. We have a good, hardworking gang putting this publication together, and we have a lot of fun doing it - we only wish that more of you would send us material. We can always use it, whether it is technical, humorous, serious, complimentary, derogatory or what have you - send it along. This is your BLURB, but clever as we are, we cannot read your minds, you must tell us what you want to see.

My thanks to the BLURB gang for another good year - and my sympathy to our Art Editor who really had a problem when he put that cover together!

Happy April Fool

de K3KUD

Mid-month meeting for April will be held at the home of Hy Hecht, W3WNC, and will be preceded by the Annual Stag Dinner at the Alpine Inn. This is always a most enjoyable evening and is usually well attended - make plans now to join us on Wednesday, April 21 at 6:30 PM.

* * * * *

The USS Josephus Daniels (DLG27), the newest of the Navy's guided missile destroyers, will be placed in commission on May 8, 1965 at Bath, Maine. In honor of this occasion, and in recognition of the Navy's interest in amateur radio, the vessel's amateur station, WB6HWZ/MM, will be placed in operation simultaneously. At approximately 2000z (3:00 PM EST) the station will be heard on 3980 kc. Field day type contacts will be made and each contact will be acknowledged by a special "first day" QSL. This is the first time in history that a ship has been permitted to do this and a QSL from the event should be a collector's item.

* * * * *

Dave Heller, K3HNP, Editor of the Bucks County Amateur Radio Club paper, "X-Mitter", has asked that he be kept in mind when you discard your old call letter license plates. Dave has a collection of these plates from all over the country, but finds that he does not have any from Phil-Mont. Dave will pay the postage (third class) if you send him the plate.

* * * * *

Bucks County ARC also has available the complete text of Judge Satterthwaite antenna covenant decision. This is a matter of interest to all hams, and particularly those in this area. Individual copies may be obtained from Dave Heller, K3HNP, c/o BCARC, P.O. Box 311, Bristol, Pa. 19007. Cost is 30¢ per single copy.

* * * * *

Welcome to Jess, W3UAU, and his XYL, Holly. Jess was elected to membership at the March mid-month meeting. Both Jess and Holly are already well known by most of us, and Holly is the author of our new XYL Column.

* * * * *

I trust that by this time you realize that the the BLURB has added one more improvement. This is our new Futura type-face and it certainly gives us a cleaner, more easily read page. The new electric typewriter does not spell a bit better than the either of the old ones did, but there is a great deal less work in doing the typing.

We hope that you like the change and will contribute many items for me to type.

(ED)

* * * * *

Reading Radio Club will hold its 10th Annual Banquet on Saturday, April 24 At Reeser's Restaurant, Rt 61 (Pottsville Pk) 4 miles north of Reading. Tickets are \$5.00 each. Send ticket request to Elmer J. Worth, K3YNN, 946 Franklin St., Reading, Pa.

* * * * *

NEWS AND ACTIVITIES

Calendar for April:

Monday April 5 - 6:00 PM Pre-meeting Dinner - "Open Hearth "

Monday April 5 - 8:00 PM Regular meeting-Franklin Institute

Wednesday April 21 - 6:00 PM Stag Dinner at The Alpine Inn

Monday April 26 - 8:00 PM BLURB folding at W3LEM

* * * * *

The regular meeting of the Phil-Mont Mobile Radio Club was held on Monday, March 2nd at the Franklin Institute. Feature of the evening was the "Freebie" Auction. Hy Hecht, W3WNC, our well known auctioneer, once again did an outstanding job. Hy sold everything that was available! Many fabulous bargains were snatched-up by the waiting multitude of some 45 persons, including 11 visitors. Everyone had fun, the club made a slight profit, and the night was a complete success. As always, coffee and doughnuts by Al, W3GIF, and Bill, K3HIE, topped off the evening.

* * * * *

Don't forget the Square Dance on Saturday, April 24. The location is the Social Hall of St. John's Lutheran Church, 61st and Columbia Aves., Phila. The cost is a mere \$1.00 per couple.

* * * * *

A Phil-Mont picnic! Saturday, June 5 at French Creek State Park. Bring the family and the lunch and have fun with the Phil-Mont gang. More details will be available next month.

* * * * *

The Phil-Mont Supper Club will meet at the "Open Hearth" in the City Line Motor Inn (opposite Lord and Taylor). The time is 6:00 PM and everyone is invited. After dinner the group will come to the regular club meeting.

* * * * *

Russ Miller, K3NYN, has donated a portable tape-recorder to the club. This recorder is to be used at meetings to assist in taking minutes and at other events to record material for the BLURB or other purposes as necessary. The recorder is to be retained by the club secretary.

* * * * *

A Phil-Mont Six Meter Net has been activated with Walt Bardsley, K3OJA, as NCS. The net is on 50.7 mc, Sunday mornings, running concurrently with our 10-on-10 Net. Club announcements are made and traffic may be passed. Since both nets will run at the same time, it will be possible to pass information from one band to the other with ease. All amateurs are invited to check-in to either of our nets, whether they are club members or not.

* * * * *

CLUB NEWS AND ACTIVITIES (continued)

The Hailcrafter's HA-8 "Splatterguard" will be installed in the Communications Trailer as an adjunct to the SSB equipment. Bit by bit we are getting our equipment in good shape for the activities of the summer months, during which time we really expect the trailer to be busy.

* * * * *

Saturday, May 8 will be a big day for the Balloonatics. A double launching plus a glider flight. Phil-Mont will be on hand to aid in the chase, and we understand that about 12 mobiles will be required. The take-off will be in the morning from Wings Field (Ambler) and the trailer will be set-up at the take-off point on the west side of the field. Listen on Channel 1 for more information as to the exact time of starting.

* * * * *

Phil-Mont will provide communications for the Annual Boy Scout Canoe Race from Delaware Water Gap to Treasure Island Camp on August 21 and 22. Lloyd Sherman, W3CDY, is coordinating the affair and will keep us informed. This should be a lot of fun - why don't you plan to help.

* * * * *

A luncheon get-together will be held on April 8, 12:00 noon, at the MLA Club, 1513 Walnut St., Phila. The group has a nice time at these affairs and they will be looking for YOU.

* * * * *

AUCTION OF COMPLETE EQUIPMENTS (micro-wave) AND BUILDER'S PARTS:

All micro-wave equipment recently removed from One Penn Square will go on the auction block on Saturday, April 16, 1965 at 1000 at Town Hall, Haines St and Germantown Ave, Germantown. This auction open to Phil-Mont members only. A subsequent auction to be held on Saturday, May 15 at the same location, will release all remaining material to all comers. Partial list of equipment follows:-

(4) 6 foot closed relay racks; (4) Sola constant voltage transformers @ 4 amps; (1) 160 v 400 ma dc supply, brand new; (2) 4 kmc receivers; (2) 4 kmc transmitters; (2) transmitter control panels; (4) receiver control panels; (2) IF amplifiers, 30 mc input; (2) power supplies; (2) 1 mc demodulators; (2) modulators; (26) 397A Klystrons, aged, new; (21) 6SH7; (24) 6CB6; (34) miscellaneous octal tubes, new; (20) 6v glass storage batteries; many assorted panels of equipment in various stages of disrepair. Many of the units contain very sensitive meters (25-200 ma)

This equipment should be of interest to all VHF enthusiasts, builders, and experimenters. The dates.....April 16, Phil-Mont members only.....May 15, everyone welcome.

* * * * *

The BLURB staff, speaking for the entire membership of the club, wishes to extend sympathy to Charlie Gilbert, W3YJM, on the passing of his father on March 20, 1965.

NEW MEMBER APPLICATIONS

The following applications for membership in Phil-Mont have been received by the Membership Committee and are published here for consideration by the membership. Listings appear as they should be entered in the directory if the applicants are accepted.

WA3CNI

Sam Kuncovich
6918 Ibis Place
Philadelphia, Pa
H- B-755-3782
Employed by: Phila. Naval Shipyard
Sponsored by: W3YHV; K3KUD

Sam-Rose

K3KFL

Joseph West
147 2nd Ave
Newtown Square, Pa.
H-EL-6-0375 B-EL-6-2999
Employed by: Self
Sponsored by: K3NYN; K3OEJ

Kifil-Ruth

W3JKH

Gerard A. Baldauf
175 Wernersville Blvd
Wernersville, Pa.
H-678-3980 B-929-5811
Employed by: Bell Tel. Labs
Sponsored by: W3AHP; W3MHR

Gerry-Delores

K3WOC

Anthony B. Creamer DDS
1036 Spring Mill Rd
Villanova, Pa.
H-LA-5-6444 B-same
Employed by: Self
Sponsored by: K3NYN, K3OEJ

Doc-Mary

CHANGE OF ADDRESS

Please note the following new address in your directories:

S/Sgt F.T. Laughner, W3KXD
1932 Communications Sqdn.
Box 53, APO NY, 09677

* * * * *

If you haven't paid your dues for 1965 by the time you read this, your name may have to appear as a new applicant, just as you see those above. What we are saying is that if you are not paid up by now - YOU ARE OUT !
Rush, sneak your check into the mail and Charlie GOW will not reveal your secret - but you must act quickly, he may change his mind at any time.

ARMED FORCES DAY, 1965

The Department of Defense is ever mindful of the unique communications potential inherent in the amateur radio fraternity. Each of the services has a firm and long standing policy of encouragement and support of amateur radio activity. As a tangible demonstration of their active amateur radio programs the separate military departments join each year in conducting the Armed Forces Day Communication Tests. This year's tests will be conducted on 15 May 1965.

Amateurs everywhere are invited to use this event as a means of demonstrating their skills and operating proficiencies. Once again all normal modes of emission will be used and it is hoped that every amateur will be able to work at least one of the military stations.

Military to Amateur Tests

Military stations WAR, NSS, and AIR will be on the air from 151400GMT (0900 EST) to 160245 GMT (2145 EST). NPG will be on the air from 151800 GMT (1000 PST) to 160800 GMT (160000 PST).

Amateur contacts from NPG will be discontinued from 160245 GMT (151845 PST) to 160400 GMT (152000 PST) to allow the Armed Forces Day "CW" and "RTTY" receiving contests.

Complete information as to frequencies, modes, and times of operations is available from the editor, K3KUD.

* * * * *

NEW PUBLICATIONS

"Fundamentals of Electronics". Written by the Navy as a textbook for ET School, Class A; this publication includes 8 volumes with hardboard covers and plastic comb bindings. Subjects covered are Basic Electricity; Power Supplies; Amplifiers; Transmitter Circuits; Receiver Circuits; Oscilloscope Circuits; Microwave Circuits; and Electromagnetic Circuits and Services. Available from the Superintendent of Documents, GPO, Washington, D.C. 20402. The cost is \$14.25 for the eight-volume set.

* * * * *

"The man who rows the boat seldom has time to rock it." -An interesting thought, to say the least.

from "Classic Quotations from Great Classics" via NPARC "Static"

* * * * *

100,000 PENNSYLVANIANS

Supporting Governor Scranton's campaign to promote our state, the 100,000 Pennsylvanians Committee is making available special QSL cards. These cards are free for the asking. Send your name, address, and call to "100,000 Pennsylvanians", Capitol Building, Harrisburg, Pa. These cards are quite attractive and can be used alone or in conjunction with your regular QSL. Help promote the wonders of Pennsylvania-send QSL cards!

* * * * *

Don't forget that all publications received by the Olde Editor are kept on file by Wayne Zeigler, our Club Historian. They are always available to club members.

* * * * *

X-mitting Your Ladies

.....

The BLURB is giving an opportunity to voice the views and news of the XYLs in our radio club. Do you have something good or a special idea to share? Something special happen to one of the junior ops? Let us know. It's fun to be in print and to hear the family news of the mobileer.

.....

Quick and Easy for the Month

Carrot Tea Loaf

Put in mixing bowl:

1 cup sugar	1 1/2 cups unsifted
1/2 cup salad	flour
oil	1 tsp baking soda
2 eggs, unbeaten	1 tsp salt
1 cup grated	1 tsp vanilla
carrot	

Mix thoroughly with spoon; do not beat. Pour into greased and floured loaf pan. Bake 60 minutes @ 350deg.

Good warm or cold and excellent to freeze.

.....

Square Dance Dress:

Each couple needs a smile and a grin. It sure is a lot of fun. Low heels for the gals, bright shirts for the fellows. Anything in Western or Peasant style is right in swing.

A TICKET ?

I've tried to learn the code, you know!
Alas, my talents run to being able to sew.

Bands are very interesting, I'm sure
To me they're a short skirt cure.

Resistors we have three-fold or more
They resist even to closing the door.

Capacitance I really and truly understand.
That's how much you love single-side-band.

Power supplies are the source of the power
That runs your equipment hour after hour.

Filters are necessary and mysterious objects
That eliminate the TVI neighbor Jones gets.

The final output is that I am what I am.
So, for the present dear, you be the ham.

Holly, XYL-W3UAU

* * * * *

The above represents our first try at a column by an XYL, primarily for the XYLs. We hope that you enjoy it, and recommend that you support it. Holly is willing to do the composing, re-writing and what have you, but she needs ideas. Send your comments, suggestions, recipes, complaints or what have you to:

Mrs. J. W. Caravello, Jr
200 Garth Road.
Oreland, Pa.

(ED)

CHANNEL CHATTER

Ernie, W3DSG, being cheerful both on Ten-on-Ten and afterwards....even to arguing with Bill, W3YHV, about the number of seconds after 1200.---Ernie also felicitated Spike, W3AUF, on the arrival of a new tax exemption, and asked Spike what he would do with \$600.---If Bill, W3YHV, doesn't know what exalted carrier reception is, who does?-----Bob, K3CEE, pushing for 80 check-ins on 10-on-10, with much persiflage between W3DSG, QQH/m, YHV, and Sam, K3GBA also known as K3YCI/portable.---Jim, W3ZZI, home for the long week-end over Washington's birthday and having mobile trouble.---Mason, W3PBR scheduling Fred, W3ADV/m, enroute to Florida on 14225.---Bob, W3IW/m heard running signal strength checks with Sam, K3GBA, and others, while trying out antennas.---Joe, K3HIJ, asking the operator at W3TKQ to relay the information that he would be late for the meeting and asking the other officers to start the meeting. Jon, W3AES/m, K3HWX, et al, asking who was on the frequency with a strange voice at the mike. Russ, K3NYN, went back to him - must have been the dinner crowd en-route to the meeting.---They are still talking about the dinner at the MLA Club.---Jess, W3UAU/m, being heard from the expressway.---Russ, K3NYN, informing Jess that he was the agent for the houses in Oreland where Jess and Holly now live.---Carl, W3SGR, can be heard on the frequency - even if only announcing his call.---Bob, K3KUD, made a fasttrip to Kingston, Jamaica at the taxpayer's expense.---Brad, W3QV being heard mobile on Channel 1 for the first time since 1958. This is the Philmonter #4.---Al, K3GNM, forgot his jug and volunteered to come for it upon assurance that there would be something in it.---Oscar III signals being commented upon.---Bill, W3YHV, gloating, legitimately, about all the money (\$27 million) saved by the Philadelphia Naval Shipyard - a figure which topped all other shipyards. (COMBINED 1 ED)

* * * * *

SWAP AND SHOP

For sale:	Collins 75A4-3 and 6 KC filters	\$425.00
	Viking Ranger I, PTT -factory wired/tested.	135.00
	Gonset GC105 2 meter Communicator-PTT-12 vdc/110vac Complete with cables, etc.	150.00
	Viking Adventurer - wired/tested. 50 watts CW 80-10 meters.	10.00

Contact: Jon Balch, W3AES
LA-5-6736 or Ch.1

For sale:	6 meter transceiver -super-regen. rcvr. w/power supply.	35.00
-----------	--	-------

Contact: Bill Rhoads, K3ALS
Wilmington, Del.
302-PO-4-2941

For sale:	Master Mobile 10 meter folded ground-plane antenna, Model SR-600-10. Used one month, good condition.	10.00
-----------	--	-------

Gerard Baldauf, W3JKH
175 Wernersville Blvd.
Wernersville, Pa.

SWAP AND SHOP (continued)

For sale: CLUB PROPERTY

IBM Wide carriage electric typewriter w/cover.	\$ 60.00
Remington Noiseless Standard typewriter.	20.00
Hammarlund Super-Pro receiver.	80.00
Onan 3 kw, 110 volt water-cooled generator.	400.00

Contact: Jim Spencer, W3QQH
TU-4-8469

For sale: (3) Dumont MCA 101-A-7 mobile units. 25-54 mc NBFM. Complete with control head, speaker, cables. Can be converted to type approved. In excellent condition, ideal for business radio.

(2) Radio Specialties 1160-13-1 Walkie-Talkies. 30-40 mc, $\frac{1}{2}$ watt output.

(1) Radio Specialties Packset, 29-41 mc FM. Ideal for conversion to 29493 kc w/addition of a transistorized modulator. $\frac{1}{2}$ watt output.

Viking FF-75 Tape Transport Rack Mount.

Contact: Jim Spencer, W3QQH
TU-4-8469

* * * * *

TID-BITS

From ARRL Official Bulletin 996 - March 11, 1965Oscar 111 was successfully orbited at 1830 GMT March 9. It is in orbit at an altitude of 502 miles with a 70 degree inclination and an orbital period of 103.5 minutes. A confirmed contact between K9AAJ and K2IEJ was reported on the thirteenth orbit as well as numerous other contacts. European contact between HB9RG and DL6EZA has been established.

* * * * *

The sunspot cycle which began in 1954 and reached a record peak in March of 1958 was declared definitely over, and the number of sunspots on the upgrade, about the beginning of the year. The actual number of sunspots was 15 for December and 18 for January. Some students fear that - if experience with past cycles is a guide - the next sunspot maximum (expected late in 1968) will be considerably lower than the past two, with a consequent lowering of the highest frequencies useful for communication.

* * * * *

French scientists of the Haute Province Observatory have bounced a laser beam off the American Explorer 22 satellite and measured its distance from the earth with an accuracy within 26 feet.

To continue discussions on the multimeter, the most logical place to start is the voltmeter portion. It is the most used function and the most elementary.

With reference to figure No. 1, it will be noted that a voltmeter is a modified milliammeter or microammeter. For DC voltages, only a series resistor is required to modify the voltage required to actuate the meter within defined limits. It is only necessary to tap this resistor at various points to provide the various ranges. The determination of these resistances is a simple Ohms Law function (the desired voltage range divided by the full scale current of the meter). The only variation to this principal is the calculation of R_1 .

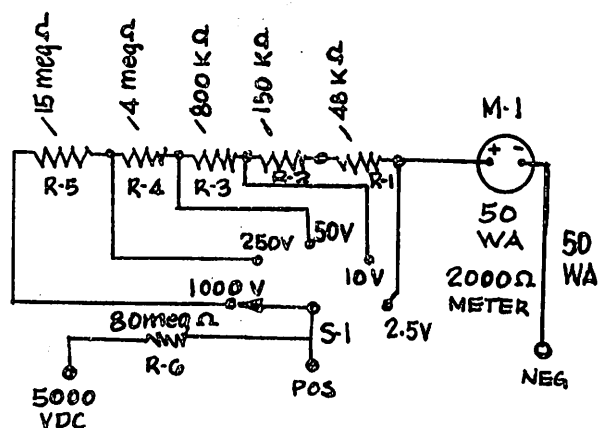


FIG- No 1
DC VOLTAGE RANGES

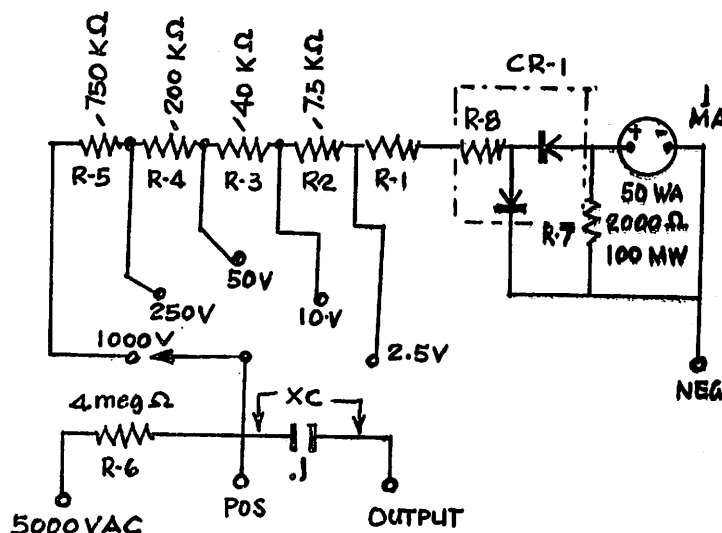


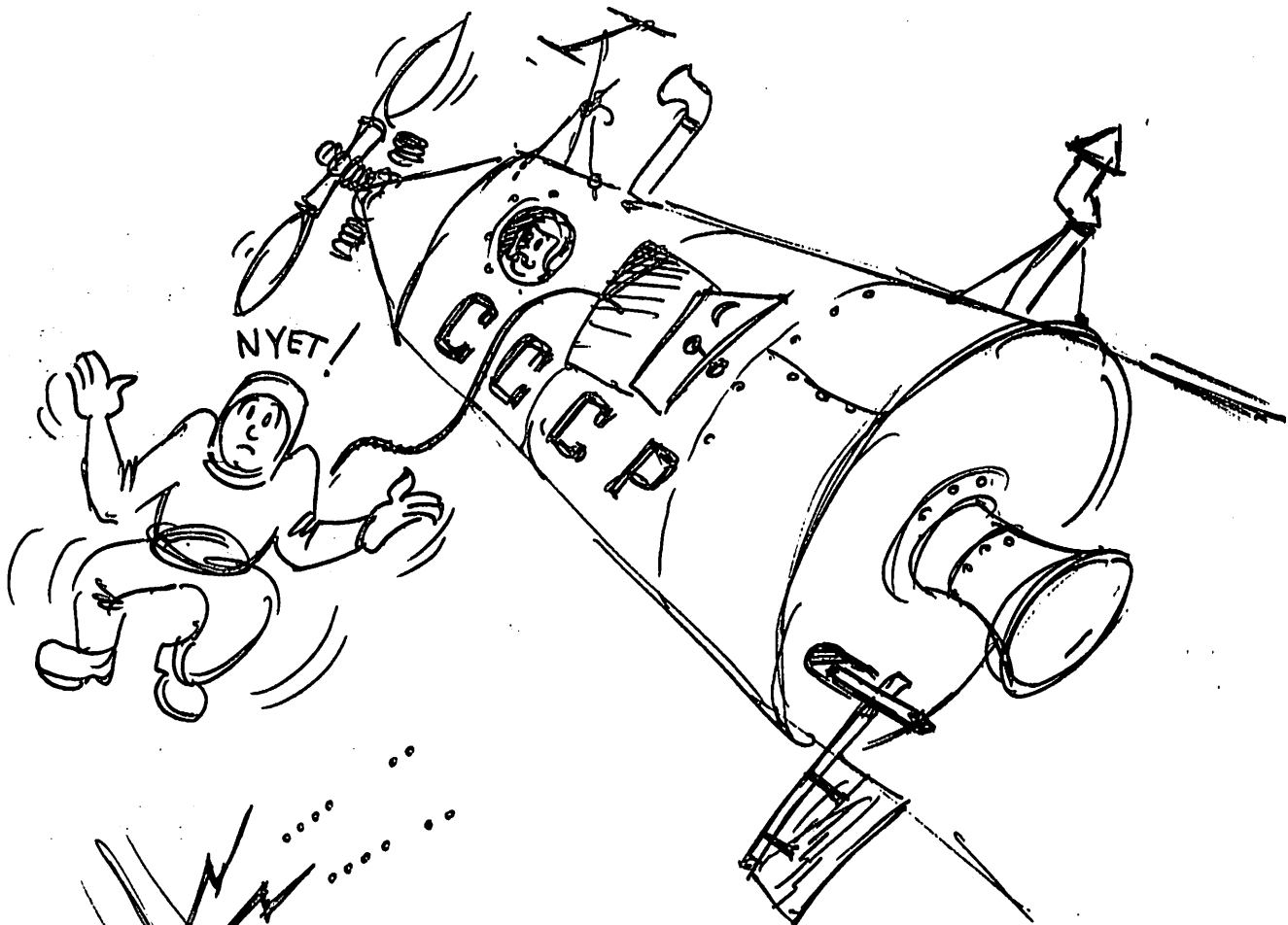
FIG- No 2
AC VOLTAGE RANGES

The resistance of the meter must be subtracted from its calculated value. This is particularly important when the desired range is small.

With reference to figure No. 2, rectifiers will have to be added to measure AC voltages. A higher current must be selected to compensate for rectifier losses and calibration. Multiplier resistors are calculated as above using the higher current. The usual difficulty is defective rectifiers. If replacement is required, your best bet is to obtain an exact replacement unit. The rectifier assembly will be supplied with R7 and R8 attached, restoring the original calibration. If a replacement isn't available, select two rectifiers of the same type as the original. Adjust the value of R7 to obtain the correct indication on any range. R8 may have to be modified to obtain correct readings on the lowest range. This correction can be made by comparison with a meter known to be accurate.

NEWS RELEASE:

PEKING: LATEST SOVIET 2 MAN SPACE SHIP
OVER VIET NAM, HAILED OSCAR III. ITS "TRANSLATOR"
APPARENTLY NOT WORKING PROPERLY --- AS ONLY REPLY
WAS "HI" - "HI"-----



NOTE: OSCAR III IS NOT
"UP" ON THE RUSSIAN "LINGO"

REPORTED
BY W3QV

TIME VALUE

THIRD CLASS MAIL
RETURN REQUESTED

The "Blurb"
A PHIL-MONT MOBILE RADIO
CLUB PUBLICATION
10 No. YORK RD. WILLOW GROVE PA.



PHIL-MONT MOBILE RADIO CLUB INC.